

Amendments to the Claims:

1. (Original) A method of generating an immune response to an antigen in a host, which comprises:

intranasally administering to said host an antigen coupled to a targeting moiety specific for surface structures of antigen-presenting cells.

2. (Original) The method of claim 1 wherein said antigen-presenting cells are selected from the group consisting of class I or class II major histocompatibility expressing cells (MHC), B-cells, T-cells, professional antigen-presenting cells including dendritic cells, and CD4⁺ cells.

3. (Original) The method of claim 2 wherein the targeting moiety is a monoclonal antibody or a fragment thereof.

4. (Original) The method of claim 3 wherein the antigen is a protein, peptide, carbohydrate or ligand.

5. (Original) The method of claim 4 wherein the antigen is derived from a pathogen and said immune response is a protective immune response against disease caused by said pathogen.

6. (Original) The method of claim 5 wherein the immune response is an IgG or an IgA immune response.

7. (Original) The method of claim 5 wherein the host is a human host.

8. (Original) The method of claim 1 wherein said antigen is coupled to said targeting moiety through a heterobifunctional linking molecule.

9. (Cancelled)